

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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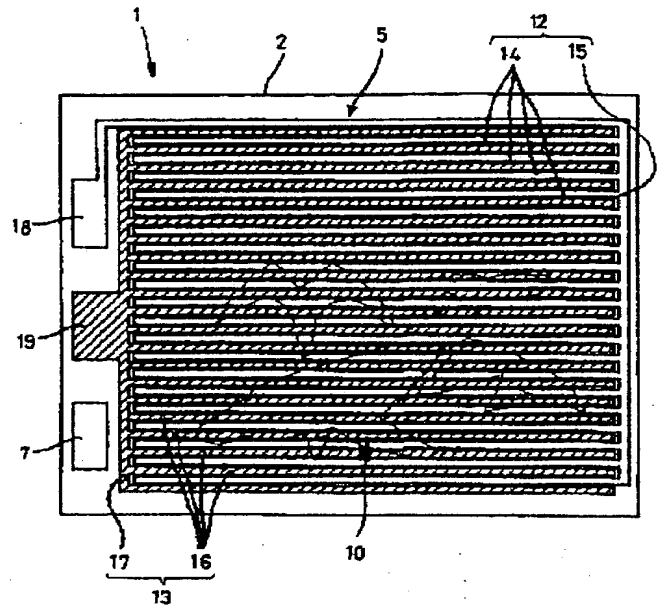
APPLICATION DATE : 01-09-99  
APPLICATION NUMBER : 11247100

APPLICANT : CASIO COMPUT CO LTD;

INVENTOR : MATSUNAGA MITSUO;

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TITLE : LIGHT EMITTING DEVICE AND  
DISPLAY DEVICE HAVING THE LIGHT  
EMITTING DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To vary graphics such as pictures, marks and characters.

SOLUTION: A light emitting device 1 applies a voltage between front surface electrodes across light emitting elements and back surface electrodes 5 to allow the elements to emit light. Many electrode lines 14 and 16, which are arranged in parallel, are alternatively connected by first and second common connecting lines 15 and 17 to separate the electrodes 5 into first and second electrode element groups 12 and 13 so that the elements are allowed to emit light in different whole graphics 10 for each of the second electrode lines 14 and 16 in at least two colors. While a voltage is alternatively applied between the front surface electrodes and the electrodes 5, a voltage is alternatively applied to the groups 12f and 13 and the light emitting elements located at the portions corresponding to the lines 14 and 16 are alternatively allowed to emit light, different graphics 10 are obtained, the graphics 10 are varied as if they move, so that the decorative effect of the graphics 10 is improved.

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